

Healthcare: Devices

A frugal multi therapeutic wound care solution for resource constraint healthcare settings

APPLICATION

The device can be used for venous leg ulcers, ischemic wounds, diabetic foot ulcers, pressure wounds, traumatic wounds, post surgical wounds and burns.

COMPANY NAME

Inochi Care Pvt Ltd

TECHNOLOGY READINESS LEVEL (TRL)

TRL: 8 (Early Revenue Generation Stage)

INTELLECTUAL PROPERTY

Indian Patent App No: 202011056144

FOUNDERS' NAME

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PROBLEM ADDRESSED

Non healing wounds are those which do not heal in the expected time frame, usually within thirty days. Wounds impact patients' physical, mental, and social well being, and adversely affect families and care providers. Complications to non healing wounds are vast, including severe pain, septicemia, hospitalization, and amputations. In India and other developing countries, the problem of wounds is compounded by other factors such as poor access to health care, inadequate health infrastructure, imported medical equipment, and affordability. Dependency on the imported products It will take at least another 10 or more years to make them available at community level healthcare settings

ABOUT THE TECHNOLOGY

Inochi Care is working on a frugal multi therapeutic wound care solution for resource constraint healthcare settings. They have developed an innovative smart plug and patch system which facilitates delivering multiple therapies at the wound site utilizing the existing resources and infrastructure to provide advance wound care modalities similar to imported technologies. The system can reduce the timeline of availability of advance wound care modalities at community healthcare settings from 10 years to 2 years. It will be one frugal solution to replace four different expensive products. This indigenous technology is expected to cost not more than 1/10th of the cost of existing devices for one or other kind of advance wound care therapy.

FUNDS RAISED/ACHIEVEMENTS

- INR 49.07 lakhs grant-in-aid from BIRAC BIG scheme
- INR 3 lakhs grant-in-aid from DST NIDHI PRAYAS
- Winner for ASME 2022 and received cash prize worth 10,000 USD.
- DRDO TDF Funds of INR 65 lakhs
- Test license obtained from CDSCO
- Certified product from ISO, IEC & NABL
- Wholesale drug licence obtained from CDSCO

PRODUCT IMAGE



USP

- Portable and light weight point-of-care device
- Comes with multiple therapy modes and inbuilt data storage
- Affordable and user-friendly operations
- The device comes with hypoxia and infection control systems
- Highly efficient compared to other existing technologies
- Battery powered operations

END USERS/CUSTOMERS

- Hospitals with wards and ICUs, Tertiary care and Secondary care facilities, Nursing homes